

FIG. 1
(Prior Art)

860E2T 940E2260

9

COMPUTER SYSTEM 212

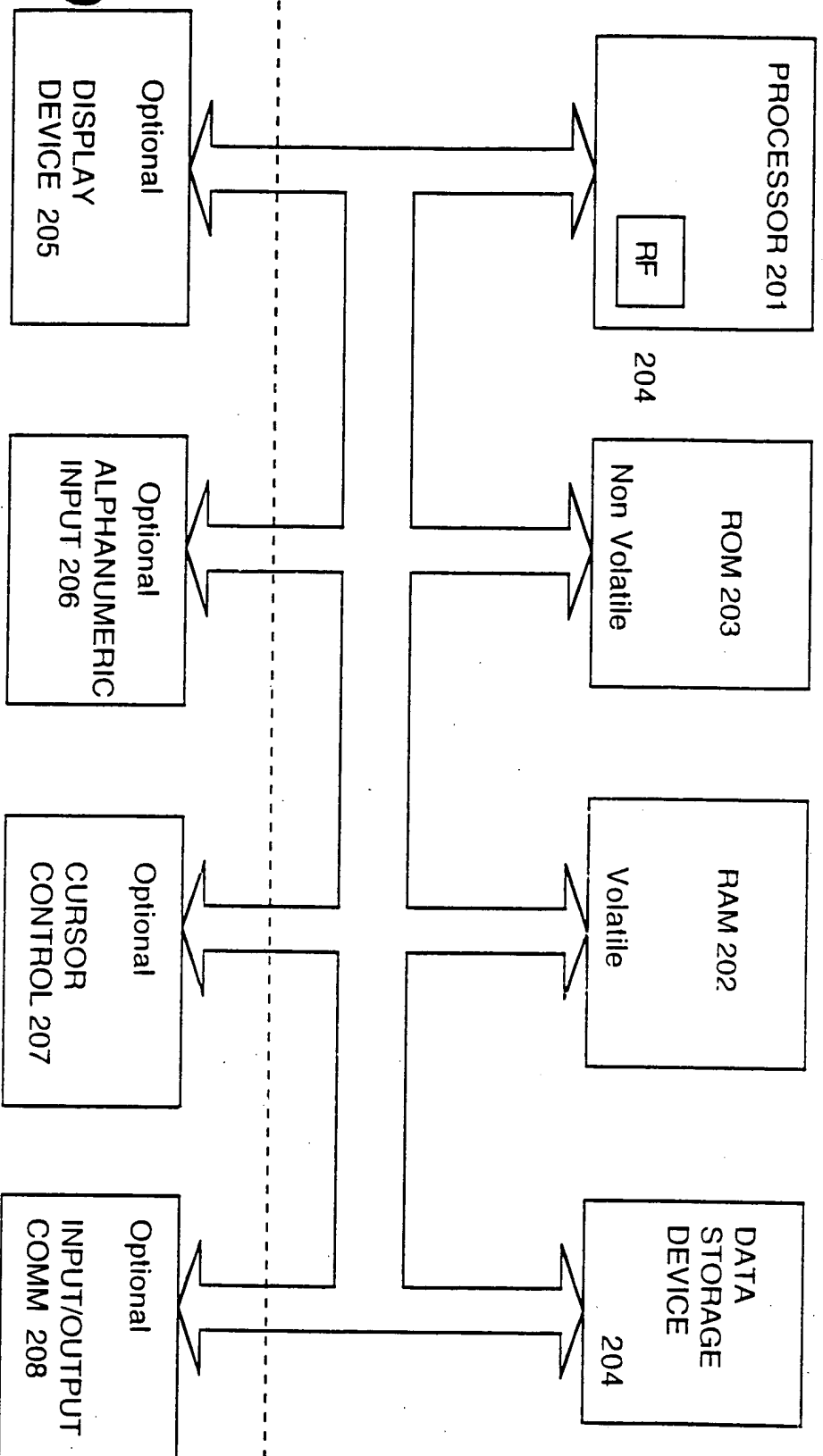


FIG. 2

To Main Memory



Vector Load/Store Unit 318

300

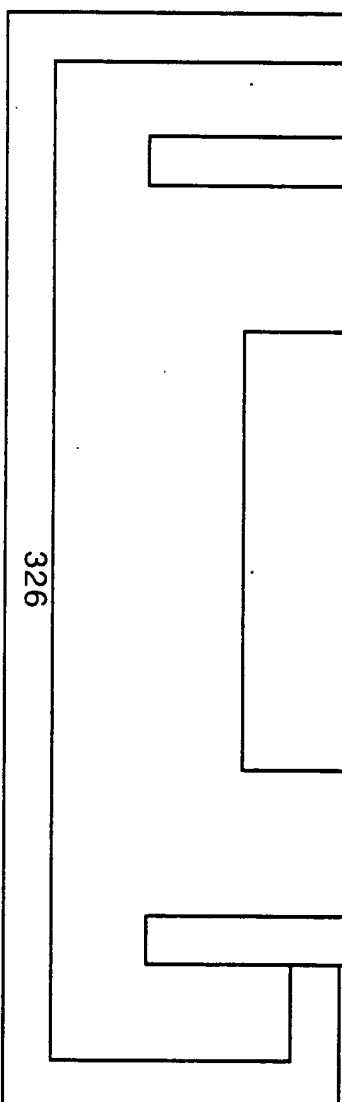
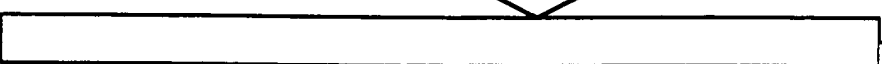
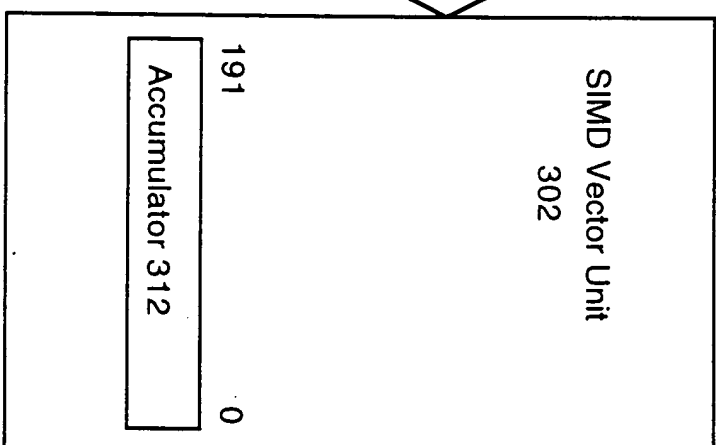
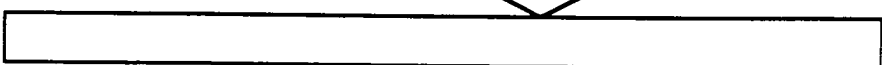
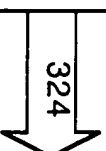
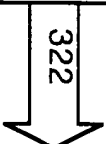
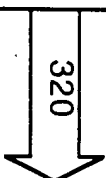
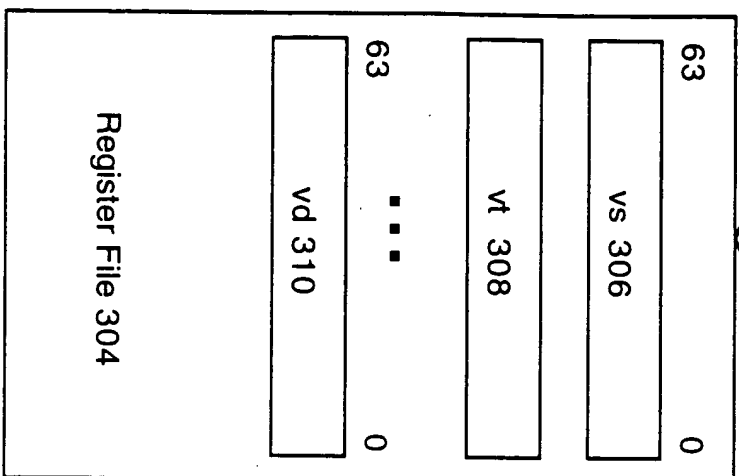


FIG. 3

09223046-123098

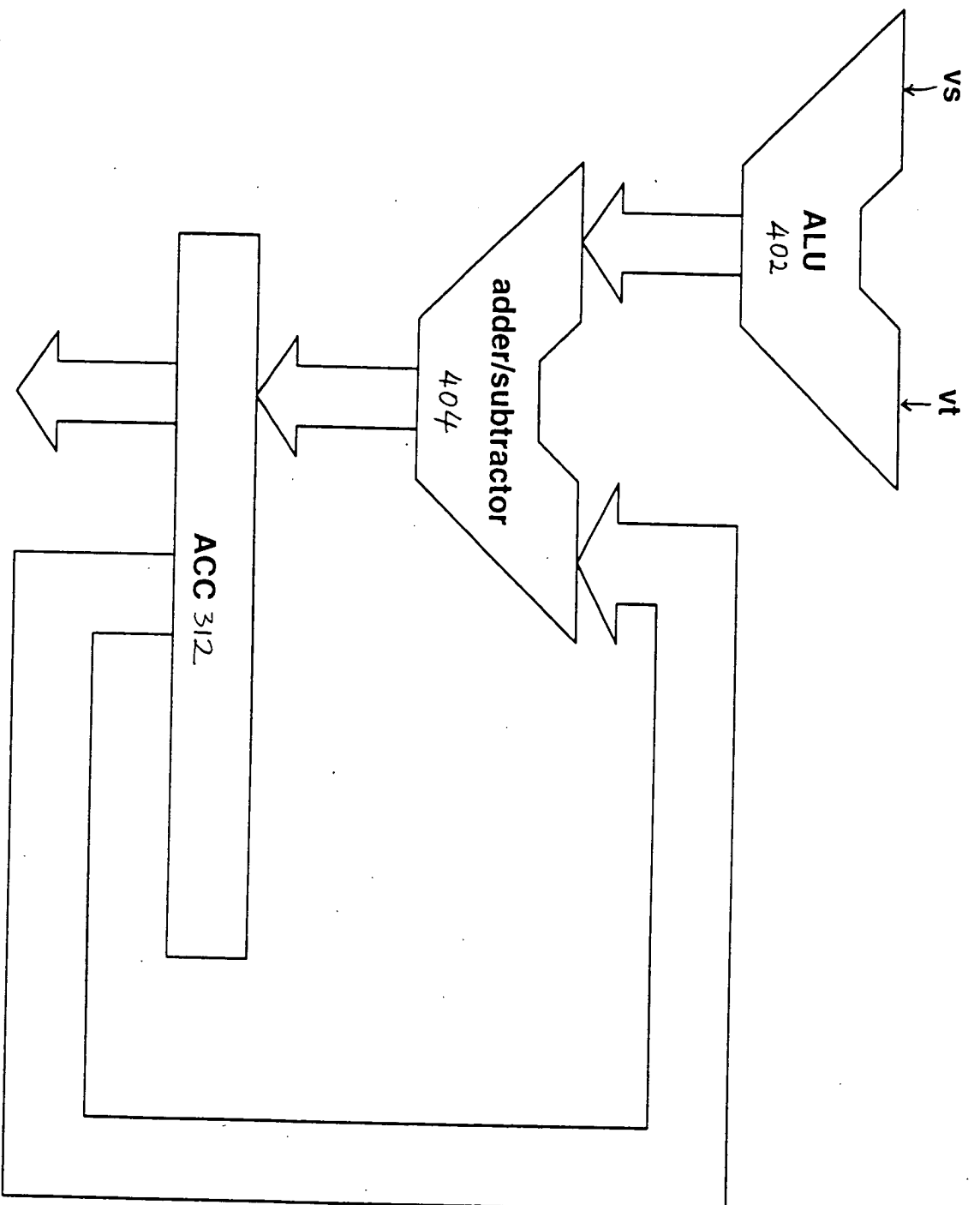


FIG. 4

09223046-123098

09223046-123098

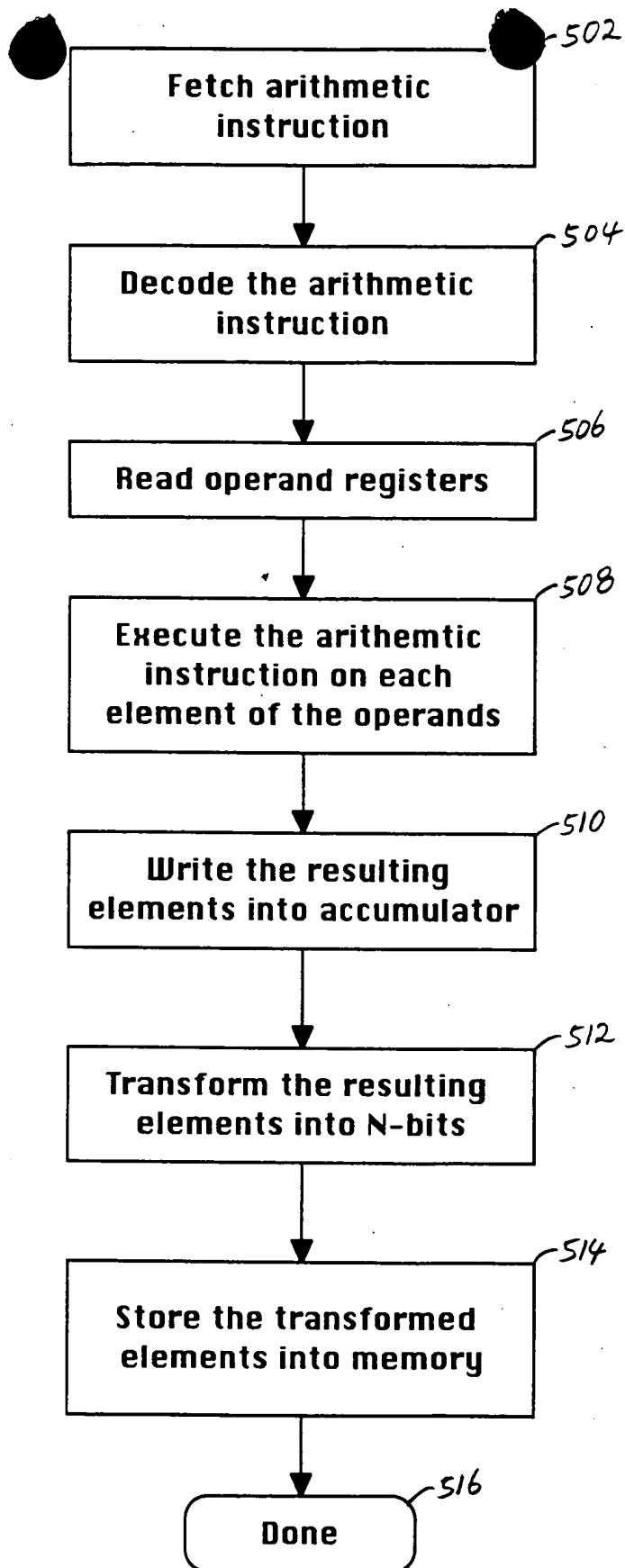


FIG. 5

QH DATA TYPE ELEMENT SELECT FORMAT

	63	48	47	32	31	16	15	0
vt:	D		C		B		A	
								600

A	A	A	A	602
B	B	B	B	604
C	C	C	C	606
D	D	D	D	608
D	C	B	A	610

FIG. 6

OB DATA TYPE ELEMENT SELECT FORMAT

vt: 63 56 55 48 47 40 39 32 31 24 23 16 15 8 7 0

H	G	F	E	D	C	B	A	700
A	A	A	A	A	A	A	A	702
B	B	B	B	B	B	B	B	704
C	C	C	C	C	C	C	C	706
D	D	D	D	D	D	D	D	708
E	E	E	E	E	E	E	E	710
F	F	F	F	F	F	F	F	712
G	G	G	G	G	G	G	G	714
H	H	H	H	H	H	H	H	716
H	G	F	E	D	C	B	A	718

FIG. 7

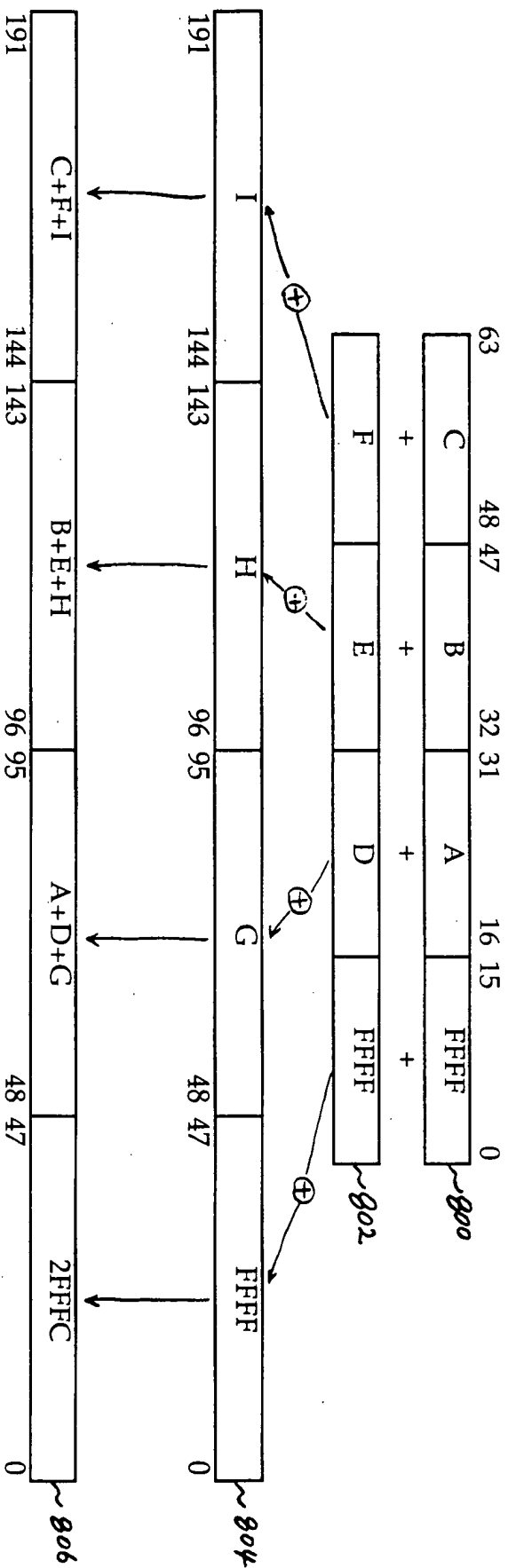


FIG. 8

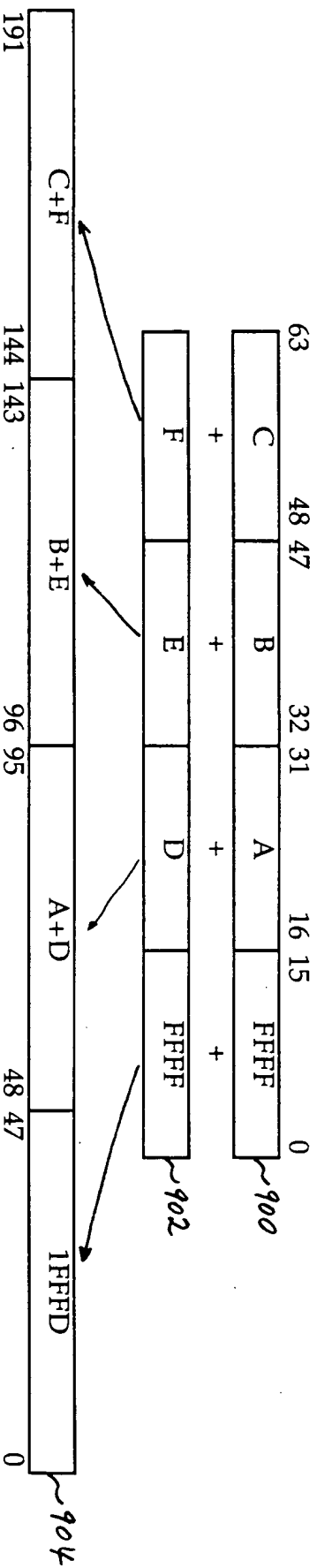


FIG. 9